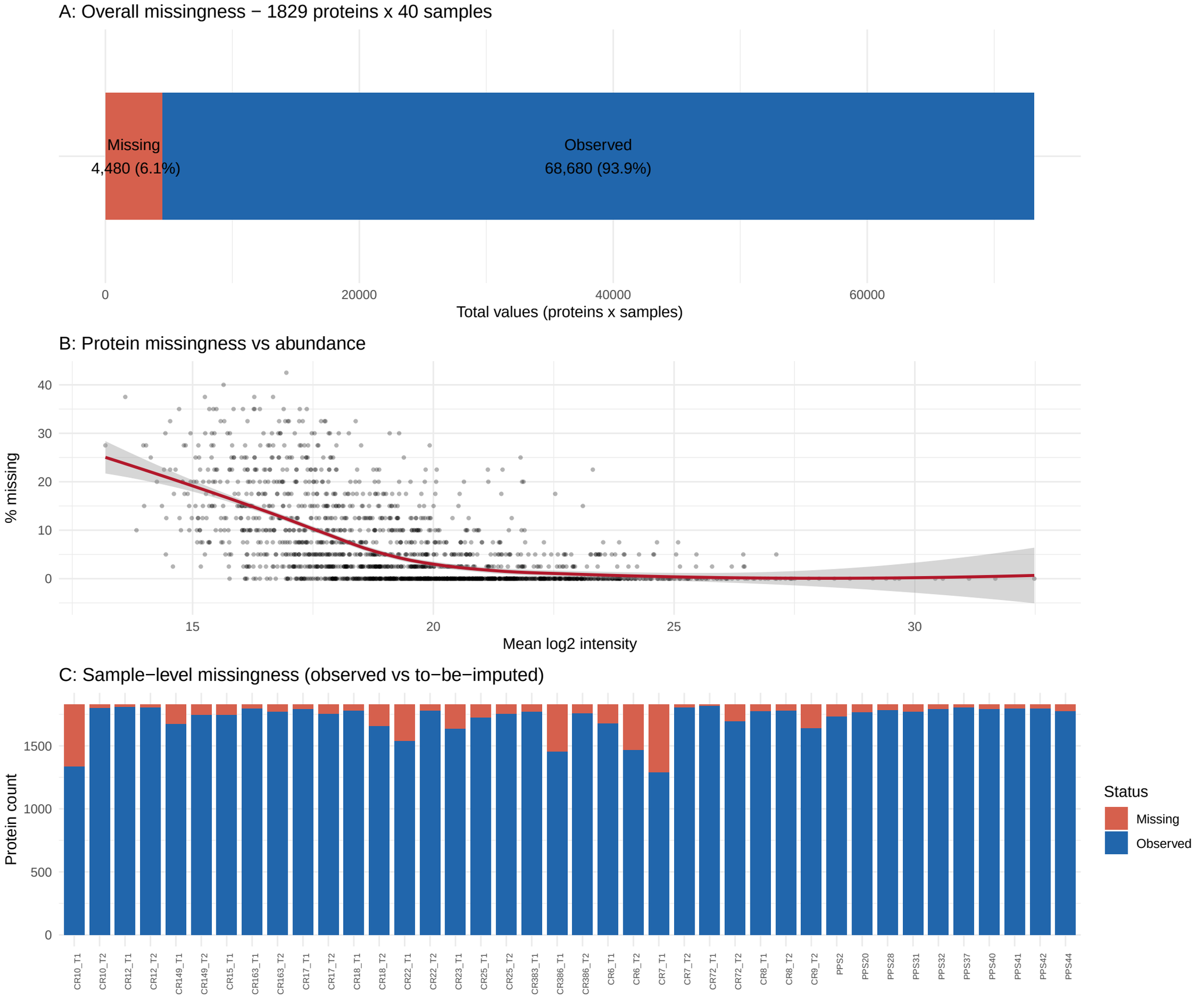
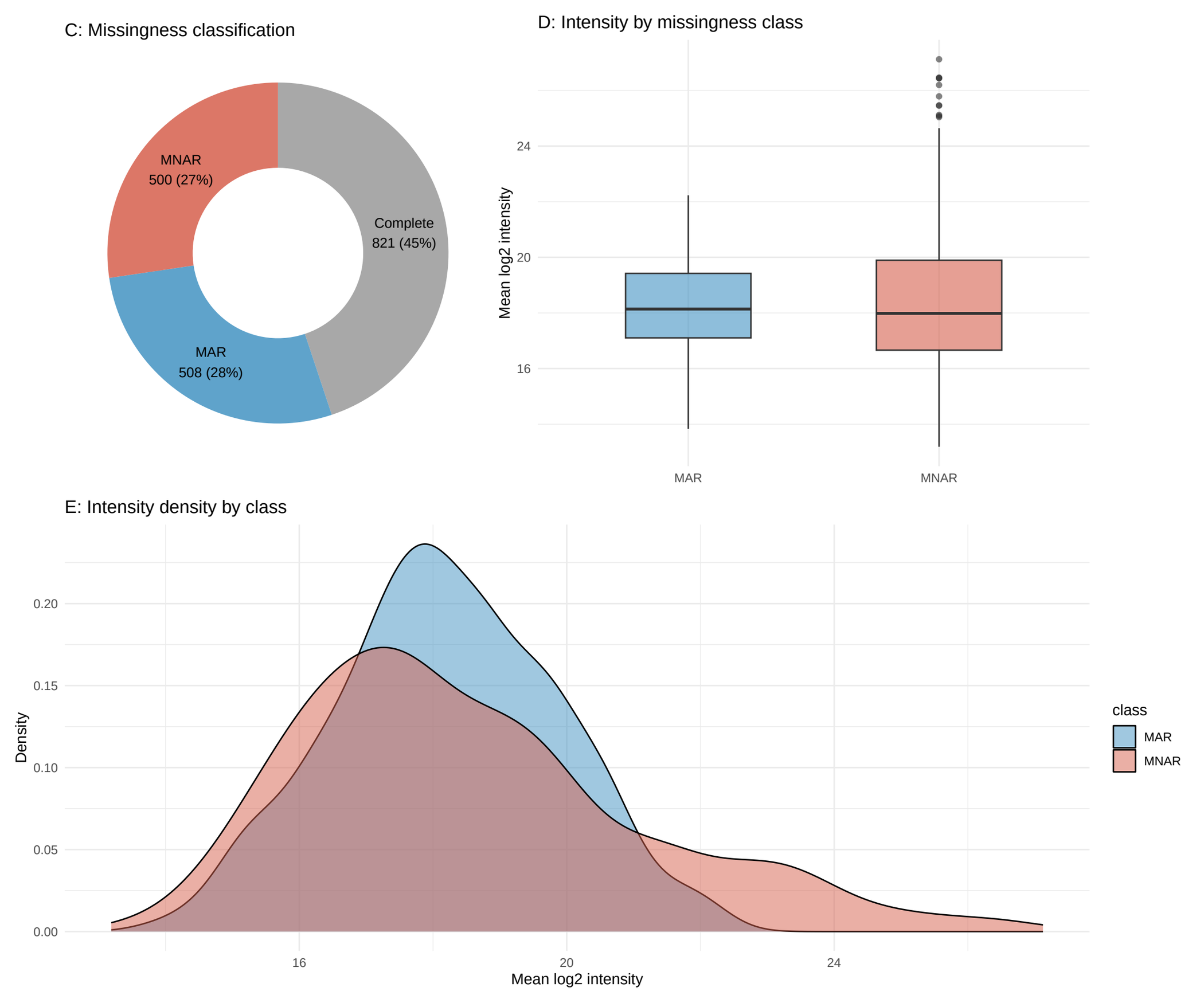

A: Overall missingness − 1829 proteins x 40 samples
Missing
4,480 (6.1%)
Observed
68,680 (93.9%)
0
20000
40000
60000
Total values (proteins x samples)
B: Protein missingness vs abundance
% missing
40
30
20
10
0
15
20
25
30
Mean log2 intensity
C: Sample−level missingness (observed vs to−be−imputed)
Protein count
1500
1000
500
0
CR10_T1
CR10_T2
CR12_T1
CR12_T2
CR149_T1
CR149_T2
CR15_T1
CR163_T1
CR163_T2
CR17_T1
CR17_T2
CR18_T1
CR18_T2
CR22_T1
CR22_T2
CR23_T1
CR25_T1
CR25_T2
CR383_T1
CR386_T1
CR386_T2
CR6_T1
CR6_T2
CR7_T1
CR7_T2
CR72_T1
CR72_T2
CR8_T1
CR8_T2
CR9_T2
PPS2
PPS20
PPS28
PPS31
PPS32
PPS37
PPS40
PPS41
PPS42
PPS44
Status
Missing
Observed


C: Missingness classification
MNAR
500 (27%)
Complete
821 (45%)
MAR
508 (28%)
D: Intensity by missingness class
Mean log2 intensity
24
20
16
MAR
MNAR
E: Intensity density by class
Density
0.20
0.15
0.10
0.05
0.00
16
20
24
Mean log2 intensity
class
MAR
MNAR